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Germany

Sanitary/Phytosanitary/Food Safety

AI update: New case on non-commercial poultry operation

2007

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Report Highlights:

On December 14, 2007, a new case of Highly Pathogen Avian Influenza (HPAI) H5N1 was confirmed on a small non-commercial holding that consisted of 11 laying hens. The incident occurred in Altglobsow, in the state of Brandenburg, 90 kilometers north of Berlin. The source of the infection is still under determination.

Includes PSD Changes: No
Includes Trade Matrix: No
Annual Report
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On December 14, 2007, a new case of high pathogen avian influenza (HPAI) H5N1 was confirmed in a small holding of laying hens in North-East Germany. The holding consisted of 11 laying hens for private use. They were tested for HPAI after several of the animals suddenly had died. The German reference laboratory *Friedrich-Loeffler-Institut* (FLI) confirmed that the tests turned out positive for HPAI H5N1 in the night from Friday December 14 to Saturday December 15. OIE was notified¹ on Monday, December 17, 2007.

The source of the infection is still under determination.

Protection and surveillance zones² were established on Friday December 14, even before the test results were out. Nineteen poultry holdings with a total of 466 animals are registered within the three kilometer protection zone. Samples were taken from these animals and tested for HPAI. So far all of these tests had negative results for the H5N1 virus.

The current outbreak is located in Altglobsow in the state of Brandenburg at its northern border to the state of Mecklenburg-Western Pomerania, about 90 kilometers or 56 miles north of Berlin.

The current outbreak did not lead to any changes in the German Government's AI risk assessment. For details on the latest risk assessment please refer to report GM7055.³

The previous HPAI outbreak in Germany occurred on September 10, 2007 on a commercial duck farm in Bavaria.

Table1: Geographical distribution of confirmed HPAI (H5N1) cases in domesticated poultry in Germany, as of December 18, 2007.

State	Date	Deceased	Size of Destroyed Flock*	Species
Brandenburg	December 14	10	11	Laying hens
Bavaria	September 10	0	170856	ducks
Bavaria	August 8	4000	169857	ducks
Thuringia	July 5	1	10	geese/ducks

*including deceased animals

For an overview on the situation in wild birds please refer to report GM7055.

Key Facts on the Poultry Sector in Germany

In 2006, Germany produced 1.03 million MT of poultry meat and 804,000 MT or 13 billion pieces of eggs⁴. The production value at the producer level amounted to US\$ 1.36 billion⁵

¹ http://www.oie.int/wahid-prod/reports/en_imm_0000006601_20071218_143131.pdf

² As a result of a reported suspected HPAI case, routinely, a 3 km protection zone is established for 21 days and a 10 km surveillance zone for 30 days. In the protection zone

- transport of birds, poultry and poultry meat is prohibited,
- birds and poultry have to be kept indoors,
- commercial poultry farms may only be entered by farm personnel and vets,
- mats with disinfectants have to be placed at the entrances and exits of poultry holdings,

and

- cats and dogs are prohibited from roaming freely.

³ <http://www.fas.usda.gov/gainfiles/200712/146293256.pdf>

⁴ This includes edible eggs and hatching eggs.

⁵ Exchange rate = average exchange rate for 2006: 1 USD = 0.8067 Euro

(1.1 billion Euro) for poultry plus US\$ 674 million (544 million Euro) for eggs. In total, poultry and egg production holds a 4.4 percent share of the total German agricultural production.

According to the animal census carried out in May 2005, Germany reports a total of 120.6 million live poultry animals. Broken down, this represents 107 million chickens, thereof 50 million laying hens and chicks and 57 million broilers, plus 11 million turkeys, 2.4 million ducks, and 329,500 geese.

The top five poultry producing states are Lower-Saxony, North Rhine-Westphalia, Bavaria, Saxony-Anhalt, and Saxony, with 44, 9, 8, 7 and 7 percent of the poultry population, respectively.

Table: Poultry numbers in Germany and selected HPAI affected German States in May 2005*

	Germany total	Bavaria	Saxony-Anhalt	Saxony	Thuringia	Brandenburg
Chickens	107 million	9 million	8.1 million	7.8 million	4.3 million	5.7 million
Turkeys	11 million	659,900	704,800	223,900	157,700	866,300
Ducks	2.4 million	91,700	184,200	14,100	9,000	909,500
Geese	329,500	9,300	6,300	39,300	9,200	5,800
Total Poultry	121 million	10 million	9 million	8 million	4.4 million	7.5 million

* Latest available data

Source: German Federal Office of Statistics, Wiesbaden

Related reports:

Report		Title	Date released
GM7055	Germany	AI update http://www.fas.usda.gov/gainfiles/200712/146293256.pdf	12/12/2007
GM7040	Germany	AI: Outbreak in Commercial Duck Farm	08/27/2007
GM7030	Germany	AI update: Total Number Rises to 240 Wild Birds, One Goose on Backyard Farm	07/13/2007
GM7025	Germany	AI Re-Appears in Wild Birds	06/25/2007
GM6015	Germany	AI confirmed in a Commercial Poultry Farm - Consumer Reaction Limited	04/07/2006
GM6011	Germany	AI Update: AI confirmed in cats and suspected in a beech marten	03/10/2006
GM6008	Germany	AI update: 127 cases in wild birds none in domestic poultry	03/02/2006
GM6007	Germany	AI among wild birds reaches German mainland	02/21/2006
GM6005	Germany	AI Confirmed in Two Dead Swans in Northern Germany	02/16/2006
GM5042	Germany	Avian Influenza Update: Free Range Chicken Allowed Outside Again	12/19/2005

GM5035	Germany	AI-Threat: German Poultry Must Stay Inside - But Only in Certain Regions	09/12/2005
E47061	EU-27	Poultry And Products Annual Report	07/20/2007

All cited reports can be accessed through:

<http://www.fas.usda.gov/scripts/AttacheRep/default.asp>